New York State Department of Environmental Conservation
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Alexander B. Grannis
Commissioner

FIELD INVESTIGATION REPORT

Site Name: 9524 and 9540 Niagara Falls Boulevard, Niagara Falls, Niagara County

Date(s) of Visit: May 9, 2007

Site Contact Name and Title: N/A

NYSDEC Staff: Jerry Riggi and Tom Papura

Reason for Investigation:

To complete the survey of the parking lots of Rapid Bowl (9524 NFB) and Dunn Tire (9540 NFB) and determine the extent of contamination adjacent to the parking lots.

Discussion and Survey Results:

NYSDEC staff arrived at 9524 and 9540 Niagara Falls Boulevard (NFB) at 0800 on Wednesday, May 9, 2007. Utilizing a Ludlum 2221 coupled with a 2x2 NaI probe, the instrument was used to locate the highest reading in each parking space and the driving lanes between rows. A total of forty- four parking spots were surveyed in the rear parking lot of Dunn Tire. A Ludlum model 19 micro R meter was used to determine the highest contact and waist height readings in each parking space. The maximum contact and waist height readings were recorded on the survey map. Contact readings ranged from 190 uR/hr - 600 uR/hr and waist height readings ranged from 150 uR/hr - 350 uR/hr.

Utilizing the same survey technique, an additional eighteen parking spaces on the eastern side of Rapid Bowl were surveyed. Contact readings ranged from 40 uR/hr - 180 uR/hr and waist height readings ranged from 30 uR/hr - 120 uR/hr.

To date, site characterization entailed paved areas surrounding Dunn Tire and Rapid Bowl. While conducting the survey, it became obvious there were impacted areas on the grassy areas to the west and north of Rapid Bowl and north of Dunn Tire. DEC staff , utilizing Ludlum 2221's performed a limited walkover survey of these areas.

The areas surveyed extended to the property fence of the adjacent Summit Inn located to the west of Rapid Bowl, extending approximately 150 feet north of the rear parking lots of Rapid Bowl and Dunn Tire, and east to the First Family of God church parking lot. Impacted areas were encountered with

readings ranging from 25,000 cpm - 150,000 cpm. Debris piles are scattered throughout with pieces of slag clearly evident. Contact readings to 600 uR/hr are evident where slag is exposed. Due to time constraints, physical barriers such as marshy areas, downed trees, six-foot tall reeds, debris piles, trees and brush, a 100 percent survey could not be completed.

The pallets which were surveyed by DEC staff on November 1, 2006, are still present in the rear parking lot of Dunn Tire. The original agreement between Amendola Real Estate and the DEC entailed the removal of the pallets to Modern landfill upon completion of our survey. An effort will be made to contact Amendola Real Estate in an attempt to expedite the removal of the pallets.

Conclusions:

Although limited, our survey provided us with enough information to justify further characterization of the areas surrounding Rapid Bowl and Dunn Tire. The horizontal extent of the impacted areas is fairly clear but questions remain as to the depth of contamination. Trenching in select impacted areas could provide needed information as to the depth of the slag and overall volume of impacted material on the affected properties.

Instrumentation:

Ludlum Model 2221 (#8) Ser # 71244, w/ 44-10 NaI probe Ser # PR114338
Calibration due date - 10/31/07

Ludlum Model 2221 (#18) Ser # 132864, w/ 44-10 NaI probe Ser # PR135862
Calibration due date - 10/3/07

Ludlum Model 19 (#6) Ser # 47750
Calibration due date - 12/20/07

Instrument response checks were performed in the back of the vehicle at the Mode Image Salon.

Pre -Survey	**Post Survey**
<u>Ludlum 2221, #8</u>	<u>Ludlum 2221, #8</u>
Bkg 4970	Bkg 4767
Source 132556	Source 133089
<u>Ludlum 2221, #18</u>	<u>Ludlum 2221, #18</u>
Bkg 4522	Bkg 4536
Source 192098	Source 193336
<u>Ludlum Model 19</u>	<u>Ludlum Model 19</u>
Bkg 5uR/hr	Bkg 5uR/hr
Source 310uR/hr	Source 310uR/hr

All units are in cpm unless noted.

Reporting Specialist: Jerry Riggi

Signature

7/3/07
Date of Report

Reviewed by: _____ **Date:** 7/3/07

Attachments:
Survey Maps